

102	ATGCGCTTTCGTGCATTTGGCAGTGCCACACTCAAGTCGTTGCTTCATTAGTTCATGCCAATGATTTATAGATTTCCATCGCTT
34	M A F R H L A V A R L K S L L V L C A V L L L L V H A M I Y K I P S L
204	TACGAGAACCTTACTATTCGGCTTCCTCGACCCCTTAATTCGGCAGCTCGGACGAATGGAGCGACTGCTCGGGAATAACGGCTCCACTTCGGGANTGATCTACTTGTAT
68	Y E N L T I G S S T L I A D V D A M E A V L G N T A S T S D D L L D
306	ACGTGGAAATCCACGTTTCACCGATTTCTGAAGTTATTCAGACTAGTTTATATGAGGACATTCGTCCATTCCTTCCCGGACAACCAGACACTCTTCAATTTC
102	T W N S T P S P I S E V N Q T S F M E D I R P I L F P P D N Q T L Q F
408	TGTATATCAGACAGCTCCCGCACCTCGTCGGAGCCATCCCTGTAATTCCTCGATGAGCCCGACTTCAAAACCTCGAGAAAAATCTATCCCGACACACGACGCGCGGT
136	C N Q T P P H L V G P I R V F L D E P D F K T L E K I Y P D T H A G
510	GACATATGGAATGCTTAAGATTTGTTCALGGCATCGTGTCTGCTATTATTTGTGCCCCATATAGAGATGTGTGAAGCACACTTGAGAAATATATGCTCCACIAATTTG
170	G H G M P K D C V A R H R V A I I V P Y R D R E A H L R I M L H N L
612	CAC'TCGTTGTCGCCAAACCAANPTGGACTATGCAAATTTTCATTTGTGGGANGTGGCGAATCAGACGTTTAAATCGCGGGAAC'TAATGAAC'GTTTGGATAC
204	H S L L A K Q Q L D Y A I F I V E Q V A N Q T F F N R G K L M N V G Y
714	GACGTAGCATCAGCGCTCTACCCATGCGAGTCTCTTCATCTTCATGATGTGATTTACTTGCCCGAAGATGACCGTAACCTGTACACGTCGTCCAAATTOAACCA
238	D V A S R L Y P W Q C F I F H D V D L L P E D D R N L Y T C P I Q P
816	CGTCTATATGATGATAGCATCGATAAATTCAAATTTATAAACTTCCATATFTCCGATTCCTCCGCGAATCAGTCGCACTAACAAAGAATCACCTGAAGAAATC
272	R H M S V A I D K F N Y K L P Y S A I F G G I S A L T K D H L K K I
918	AATGGATTTTCGAATCATTTTGGGCTTGGCGGAGGACGACGATTTGGCGACGAGACATCGNTGCTGGACTGAAGTTTCAAGATATCCGACACAA
306	N G F S N D F W G G E D D L A T R T S M A G L K V S R Y P T Q
1020	ATTGCAAGATATAAATGATPANGCACTCGACGGAAGCGACGAATCCAGTTAATAATGCCCTACAAATAATATGGCCDAACGAAGCCCGATGAGACAGT
340	I A R Y K M I K H S T E A T N P V N K C R Y K I M G Q T K R R W T R
1122	JACGGCCTAAGCAATCAAGCTCTAAGCTCTTAATCTGGAATTTGAGSCCTCTCTACACTCGAGCCGCTGCTCGATTGCTCGAAAAAGACTGCCCGCGGAG
374	D G L S N L K Y K L V N L B L K P L Y T R A V V D L L E K D C R R E
1152	CTCGAAGGAGACTTTCACACCTGTTTTAG
383	L R R D F P T C F *

FIG. 1

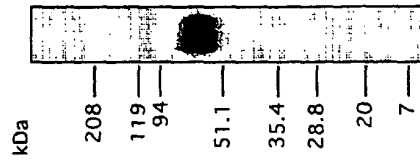


FIG. 2B

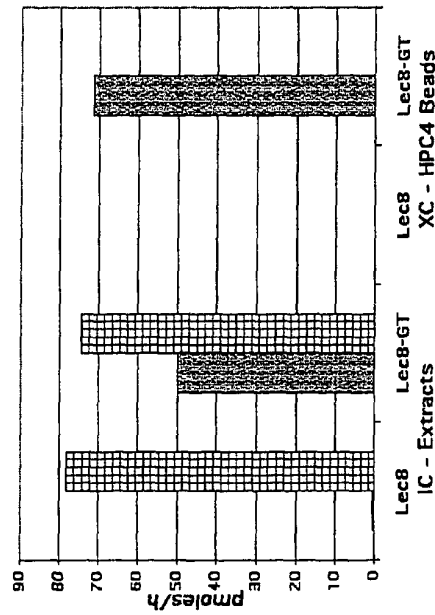


FIG. 2A

FIG. 3A

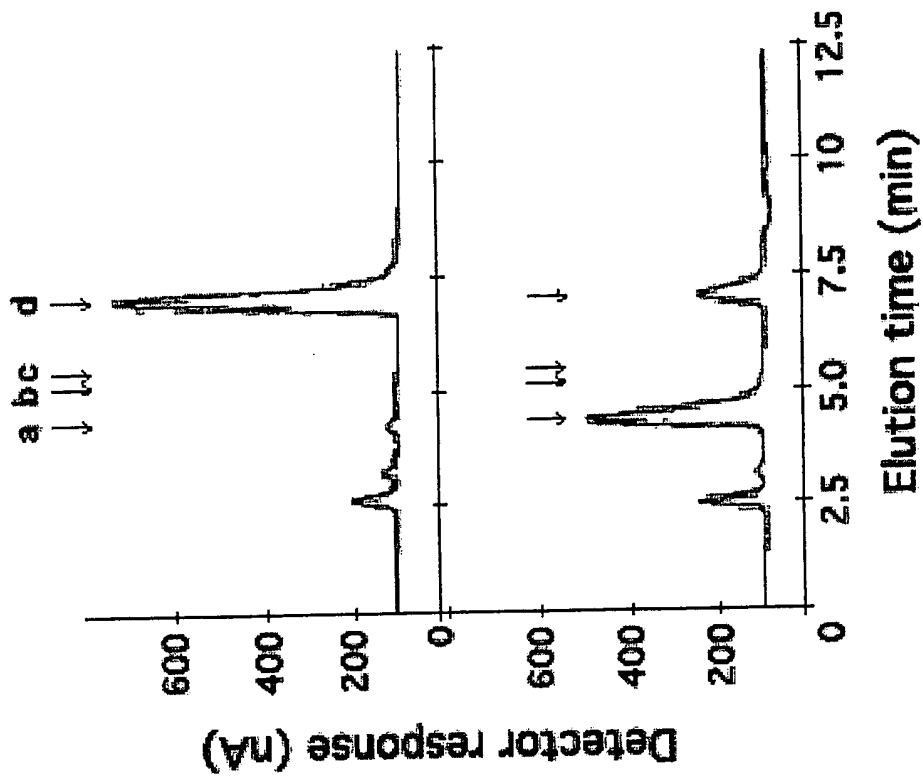
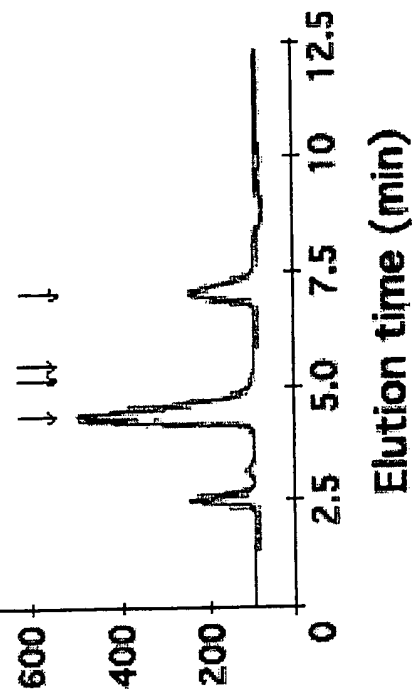


FIG. 3B



GaINAc β 1,4GlcNAc β 1-S-pNP

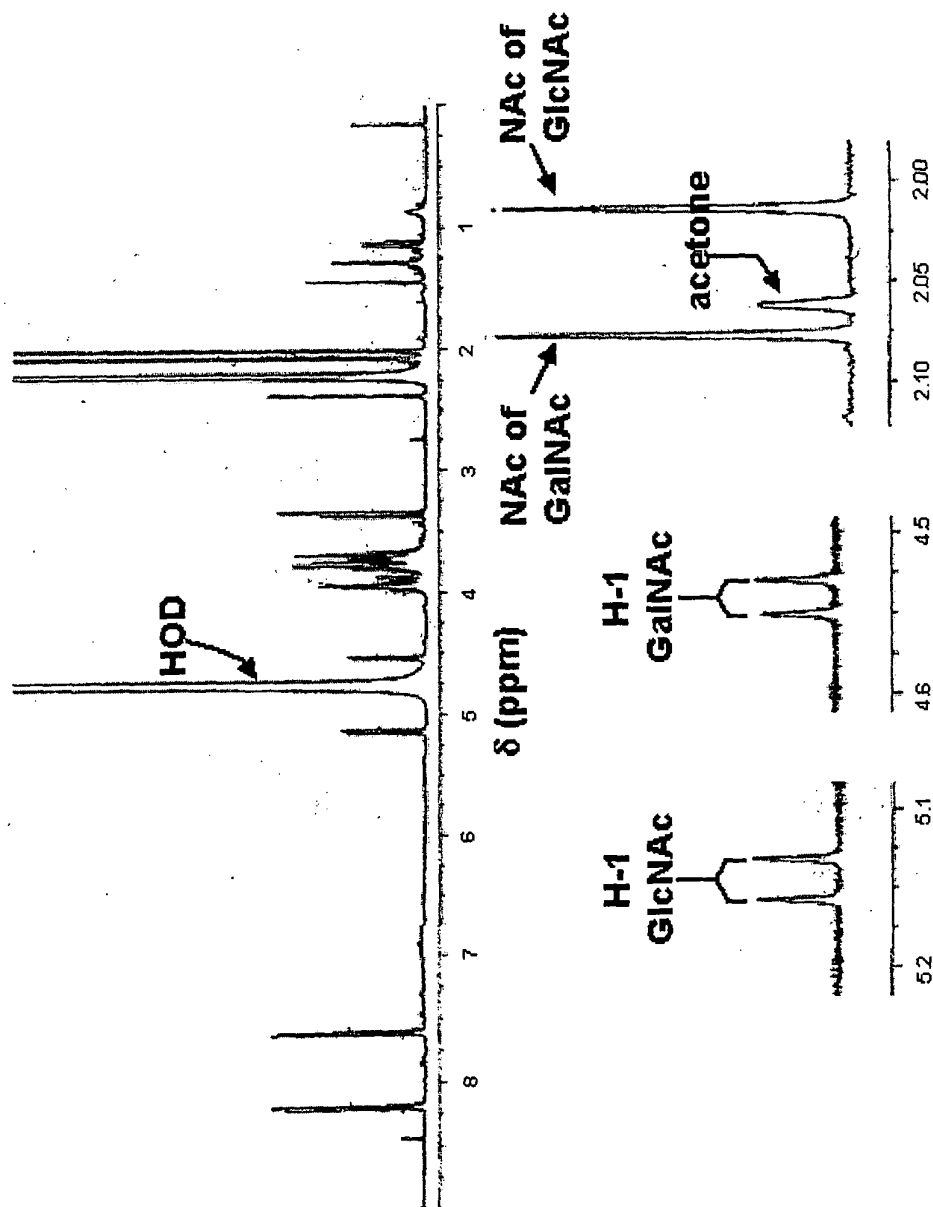


FIG. 4

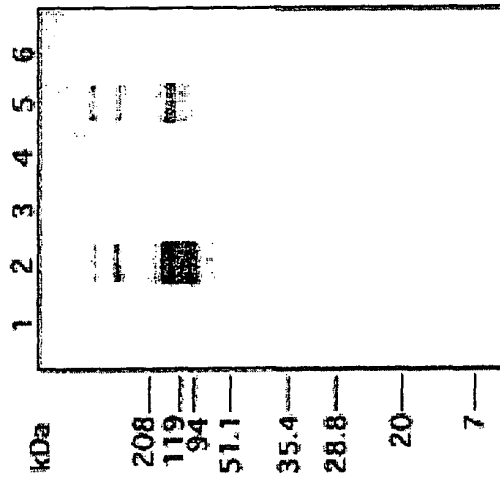


FIG. 5A

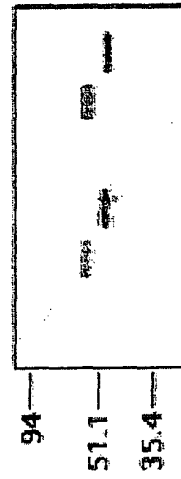


FIG. 5B